

What is claimed is:

1. A method for producing geranylgeraniol and/or farnesol, which comprises culturing geranylgeraniol- and/or farnesol-producing cells belonging to any one of the following genera:

Saccharomyces,  
Saccharomycopsis,  
Saccharomycodes,  
Schizosaccharomyces,  
Wickerhamia,  
Debaryomyces,  
Hansenula,  
Hanseniaspora,  
Lypomyces,  
Pichia,  
Kloeckera,  
Candida,  
Zygosaccharomyces,  
Ogataea,  
Kuraishia,  
Komagataella,  
Yarrowia,  
Williopsis,  
Nakazawaea,  
Khuyveromyces,  
Torulaspora,  
Citeromyces,  
Waltomyces,  
Bacillus,  
Staphylococcus,  
Pseudomonas,  
Micrococcus,  
Exiguobacterium,  
Mucor,

Ambrosiozyma,  
Cystofilobasidium,  
Metschnikowia,  
Trichosporon,  
Xanthophyllomyces,  
Bullera,  
Fellomyces,  
Filobasidium,  
Holtermannia,  
Phaffia,  
Rhodotorula,  
Sporidiobolus,  
Sporobolomyces,  
Zygoascus,  
Haloferax,  
Brevibacterium,  
Leucosporidium,  
Myxozyma,  
Trichosporiella, and  
Alcaligenes

in a medium to produce and accumulate geranylgeraniol and/or farnesol in the cells and/or in the extracellular environment; and then collecting geranylgeraniol and/or farnesol.

2. A method for producing nerolidol, which comprises culturing nerolidol-producing cells belonging to any one of the following genera:

Saccharomyces,  
Cryptococcus,  
Candida,  
Streptomyces,  
Nocardia,  
Cystofilobasidium,  
Rhodotorula,  
Willopsis, and  
Haloferax

in a medium to produce and accumulate nerolidol in the cells and/or in the extracellular environment; and then collecting nerolidol.